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PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of   Art Unit

Hannu Aronsson

Serial No.

Filed: Herewith

For: INFORMATION DELIVERY
      SYSTEM, METHOD FOR
      INFORMATION DELIVERY,
      SERVICE PRODUCT AND USE
      OF THE SERVICE PRODUCT

Examiner:

Date: 29 January 2001

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

        Preliminary to examination, please amend the

above-identified patent application as follows:

In the specification:

        Page 1, line 4, insert the sub-heading --Technical

field--;

        Page 1, line 11, delete the sub-heading "TECHNICAL

BACKGROUND" and insert --Background and summary of the

invention-- in place thereof;

        Page 4 line 9, delete the sub-heading "THE INVENTION";

        Page 6, line 17, delete the sub-heading "FIGURES" and

insert --Brief description of the drawings-- in place thereof;

and

Page 19, after the last line 17 insert the paragraph:
--While the present invention has been described in accordance with preferred compositions and embodiments, it is to be understood that certain substitutions and alterations may be made thereto without departing from the spirit and scope of the following claims.--

Page 20, line 1, delete "CLAIMS" and insert --I claim:-- in place thereof.

In the claims:

Delete claims 1-23 and replace with the following claims:

--24. An information delivery system that is connected to communication networks, comprising:

an information delivery server comprising:

(a) information receiving modules for receiving messages from a sender in communication with a first communication network and for converting the messages into a form suited for an information processing unit in communication with the information receiving modules;

(b) the information processing unit being adapted to

process the messages based on key data contained

in the messages, fetch information requested in

the messages, handle the fetched information and

develop replies to the messages;

(c) information sending modules in communication with

the information processing unit for converting the

replies to a form suited for the receiver of the

reply, the receiver being the sender or a receiver

in communication with a second communication

network; and

(d) a user interface in communication with the

information delivery server, the user interface

having a terminal connected to the information

delivery system for creating and maintaining a

service in the information delivery system.

25. The information delivery system according to

claim 24 wherein the information sending modules are in

communication with an information control module for receiving an

answer therefrom for sending the replies via a sending module to

the receiver of the reply.

26. The information delivery system according to claim 24 wherein the information processing unit is in communication with a plurality of networks and is adapted to fetch information requested in the messages, from the plurality of networks or data bases stored in the information delivery server.

27. The information delivery system according to claim 24 wherein the information processing unit is adapted to handle the messages and the information requested by means of a service product that has a command list program comprising a list of functions.

28. The information delivery system according to claim 27 wherein the command list program is stored in a database of the information delivery server.

29. The information delivery system according to claim 24 wherein the first communication network is a wireless communication network.

30.   A method of delivering information to communication networks, comprising:

    (a)   receiving messages from a first communication network;

    (b)   converting the messages to a form for further processing;

    (c)   processing the messages based on key data of the messages;

    (d)   fetching information requested in the messages;

    (e)   processing the fetched information;

    (f)   preparing replies based on the fetched information;

    (g)   converting the replies to a first form suited for the first communication network if the replies are sent to the first communication network and converting the replies to a second form suited for the second communication network if the replies are sent to the second communication network; and

    (h)   sending the replies to the first communication network or a second network.

31.   The method according to claim 30 wherein the method further comprises fetching information requested in the

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messages from a plurality of networks or from a data base stored

in the information delivery server.

        32.   The method according to claim 31 wherein the

method further comprising processing the messages and fetching

the information requested by means of a service product,

including simple functions in a command list program, created in

the information delivery system.

        33.   The method according to claim 30 wherein the

method further comprises storing an information delivery product,

comprising the information requested, in a database.

        34.   The method according to claim 33 wherein the

method further comprises modifying the information delivery

product with parameters added to fields of an information

delivery product program.

        35.   The method according to claim 33 wherein the

method further comprises describing a function of the information

delivery product with a binary program module and transferring

the binary program module to an information delivery system.

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36. The method according to claim 30 wherein method further comprises describing a function of an information delivery product with a program stored in the first communication network.

37. The method according to claim 30 wherein the method further comprises storing data from a set of information delivery products in an information delivery server.

38. The method according to claim 30 wherein the method further comprises storing data about a user, the data excluding identification data of the user.

39. The method according to claim 30 wherein the method further comprises constructing an information delivery product to conform to an mediated information and to prevent access to predetermined data in the communication network.

40. The method according to claim 30 wherein the method further comprises delaying the replies prior to sending the replies.--

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REMARKS

Reconsideration of the application is respectfully requested. The original claims 1-23 have been canceled and the new claims 24-40 have been added to the application so that the application better conforms to U.S. Patent Practice. Minor amendments to the specification has been made. No new matter has been added.

The application is submitted to be in condition for allowance, and such action is respectfully requested.

Respectfully submitted,

FASTH LAW OFFICES

Rolf Fasth
Registration No. 36,999

FASTH LAW OFFICES
5255 Camelot Forest Drive
Jacksonville, FL 32258-2516

Telephone: (904) 288-0262
Facsimile: (904) 288-0263

cc: Päivi Söderman
     (Your Ref. S0033PCT)

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